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TITLE:

DATA TERMINAL ACCOMMODATION SYSTEM IN DIGITAL

DATA

COMMUNICATION

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ABSTRACT:

PURPOSE: To confirm the presence of an error of a transmission data at the

sender side by multiplexing and communicating an error check code calculated in

a line terminator and an **error detection** result to a reception data with a data

signal between line terminators through a data communication line so as to

detect and display an error.

CONSTITUTION: A line terminator 13 is installed to a data terminal equipment

15 between a digital exchange 14 and the data terminal equipment 15 and

consists of a terminal interface section 1, a channel 2, an exchange interface

"section 3 and a control section 4. A data signal from the terminal interface

section 1 is subject to error check code calculation from the data signal by an

error check circuit 8 of the channel section 2, the error detection result to

the reception data and the error check code are combined and multiplexed with

the data signal and sent to the exchange via the exchange interface section 3.

A signal from the exchange is given to the error check circuit 8 where error

detection and correction is applied to the data signal and the error detection

state is sent to an opposite station conversely. The error detection signal

from the opposite station and the error detection state of the reception data

are displayed on a display section 12 of the control section 4.

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